

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC031020AL\
 Data File : FC046250.D
 Signal(s) : FID1A.CH
 Acq On : 11 Mar 2020 8:56
 Operator : DD\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :

Manual Integrations
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 3/11/2020 11:03:34 AM

Integration File: autoint1.e
 Quant Time: Mar 11 10:16:45 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 022120.M
 Quant Title : GC Extractables
 QLast Update : Sat Feb 22 03:16:45 2020
 Response via : Initial Calibration
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. : 1 ul
 Signal Phase : Rxi-1ms
 Signal Info : 20M x 0.18mm x 0.18um

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
9) S ortho-Terphenyl (SURR)	11.759	2207015	19.346 ug/ml
Spiked Amount 50.000		Recovery =	38.69%
12) S 1-chlorooctadecane (S...	13.176	1705503	19.011 ug/ml
Spiked Amount 50.000		Recovery =	38.02%
Target Compounds			
1) T n-Nonane (C9)	3.537	2147545	21.305 ug/ml
2) T n-Decane (C10)	4.606	2173077	21.545 ug/ml
3) T A~Naphthalene (C11.7)	6.206	2280779	20.541 ug/ml
4) T n-Dodecane (C12)	6.615	2204937	21.613 ug/ml
5) T A~2-methylnaphthalene...	7.258	2273671	20.440 ug/ml
6) T n-Tetradecane (C14)	8.399	2186970	21.364 ug/ml
7) T n-Hexadecane (C16)	9.992	2164089	20.902 ug/ml
8) T n-Octadecane (C18)	11.426	2147192	20.426 ug/ml
10) T n-Eicosane (C20)	12.730	2096616	19.834 ug/ml
11) T n-Heneicosane (C21)	13.339	2079527	19.497 ug/ml
13) T n-Docosane (C22)	13.921	2037905	19.179 ug/ml
14) T n-Tetracosane (C24)	15.020	1994075	18.632 ug/ml
15) T n-Hexacosane (C26)	16.036	1938196	18.236 ug/ml
16) T n-Octacosane (C28)	16.981	1883749	17.992 ug/ml
17) T n-Tricontane (C30)	17.864	1837514	18.234 ug/ml
18) T n-Dotriacontane (C32)	18.693	1570859	18.355 ug/ml
19) T n-Tetratriacontane (C34)	19.473	1337971	18.435 ug/ml
20) T n-Hexatriacontane (C36)	20.208	1295280	19.153 ug/ml
21) T n-Octatriacontane (C38)	20.971	1208407	19.993 ug/ml
22) T n-Tetracontane (C40)	21.929	1410932	22.442 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Acq On : 11 Mar 2020 8:56
Operator : DD\AJ
Sample : 20 PPM ALIPHATIC HC STD
Misc :
ALS Vial : 2 Sample Multiplier: 1

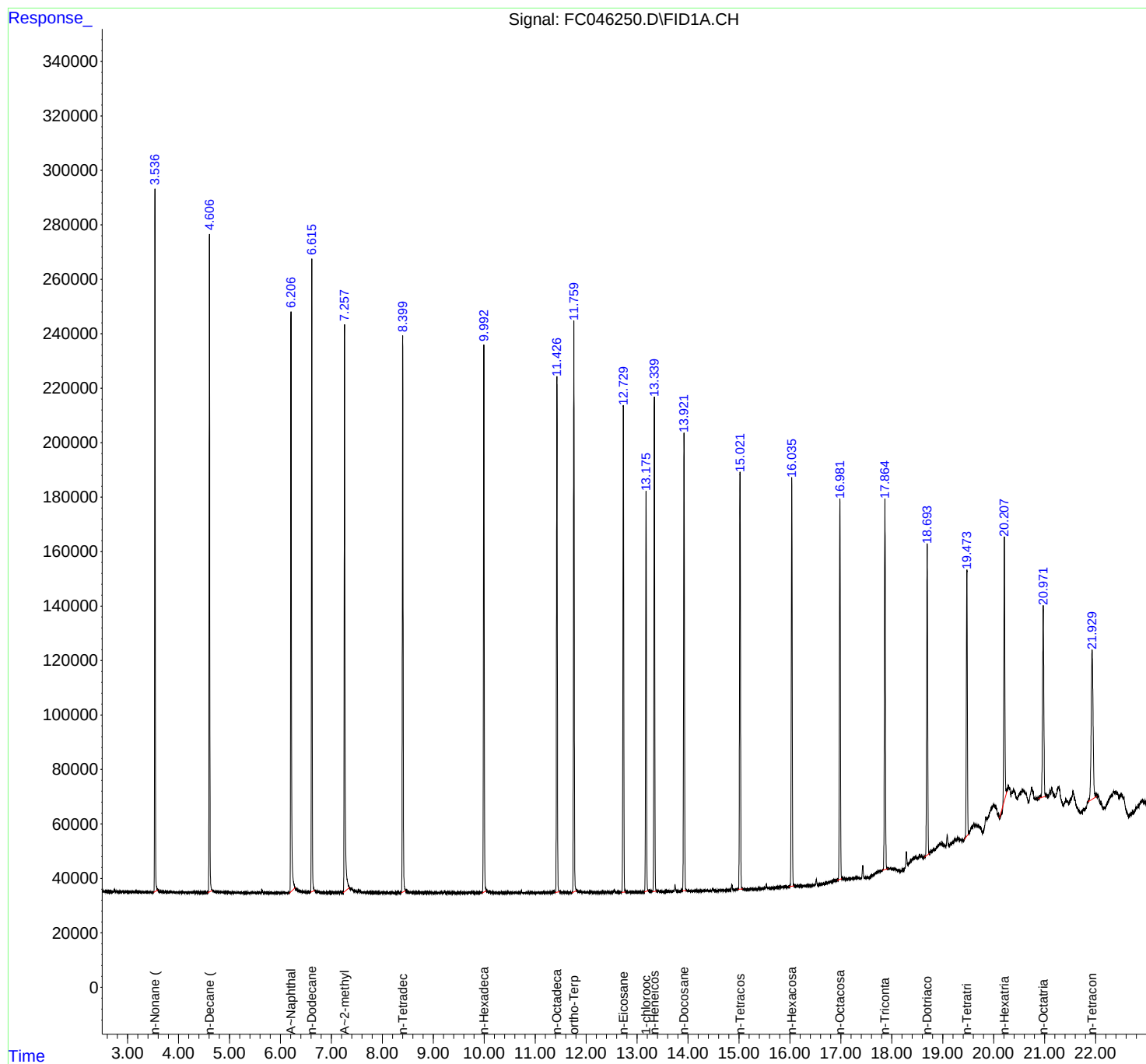
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FID_C
ClientSampled :

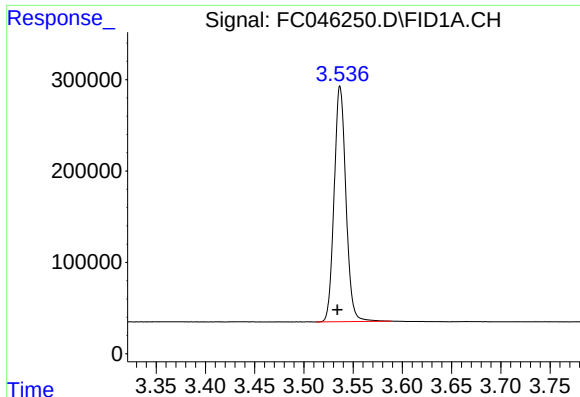
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Integration File: autoint1.e
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Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 022120.M
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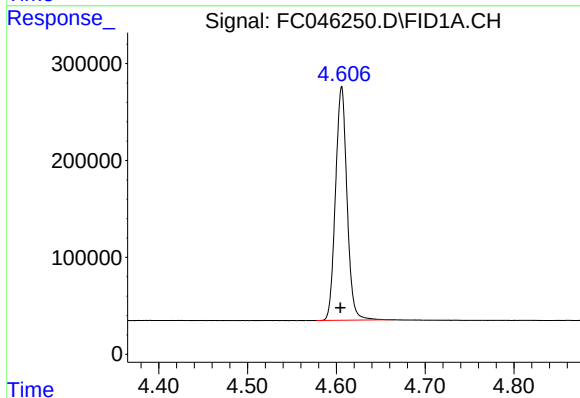
#1 n-Nonane (C9)

R.T.: 3.537 min
Delta R.T.: 0.003 min
Response: 2147545
Conc: 21.30 ug/ml

Instrument :
FID_C
ClientSampleId :

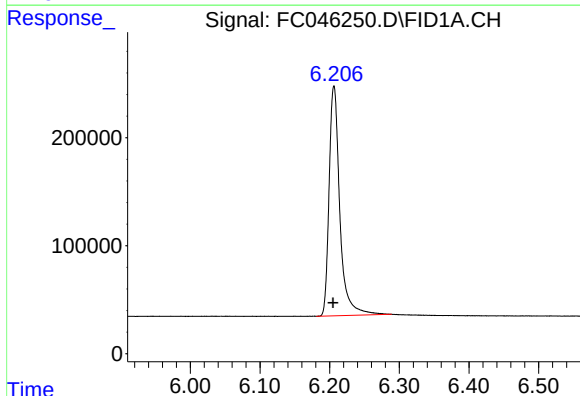
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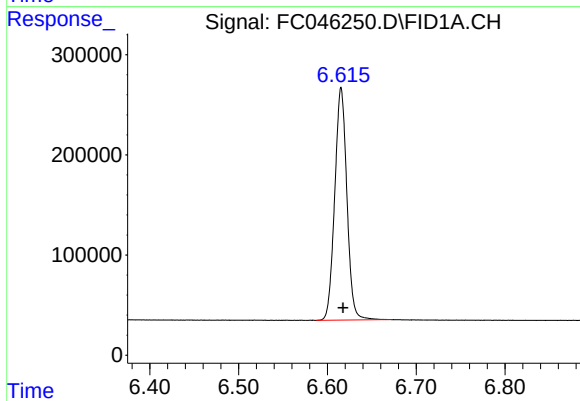
#2 n-Decane (C10)

R.T.: 4.606 min
Delta R.T.: 0.001 min
Response: 2173077
Conc: 21.55 ug/ml



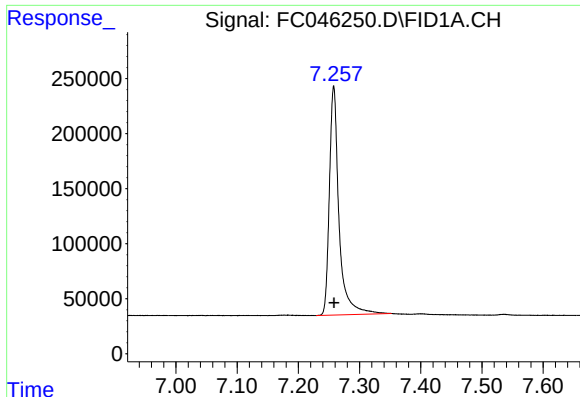
#3 A~Naphthalene (C11.7)

R.T.: 6.206 min
Delta R.T.: 0.001 min
Response: 2280779
Conc: 20.54 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.615 min
Delta R.T.: -0.002 min
Response: 2204937
Conc: 21.61 ug/ml



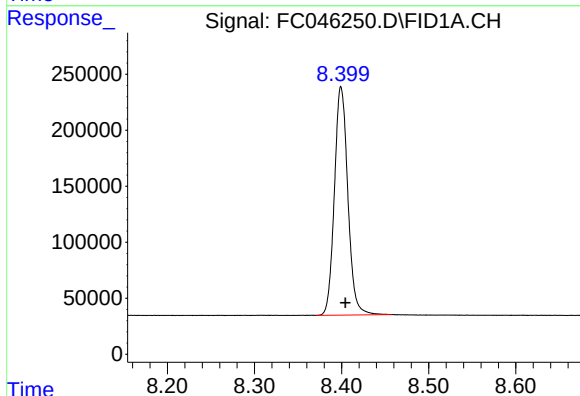
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.258 min
Delta R.T.: 0.000 min
Response: 2273671
Conc: 20.44 ug/ml

Instrument :
FID_C
ClientSampleId :

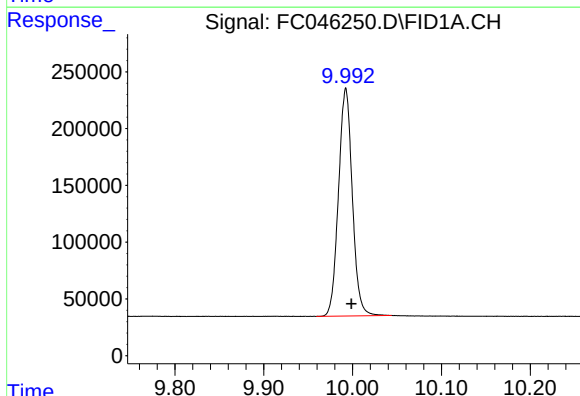
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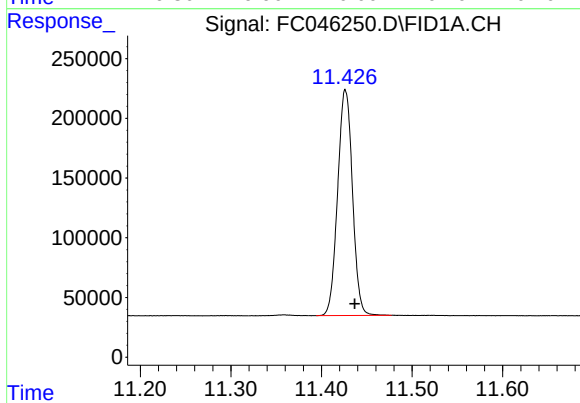
#6 n-Tetradecane (C14)

R.T.: 8.399 min
Delta R.T.: -0.005 min
Response: 2186970
Conc: 21.36 ug/ml



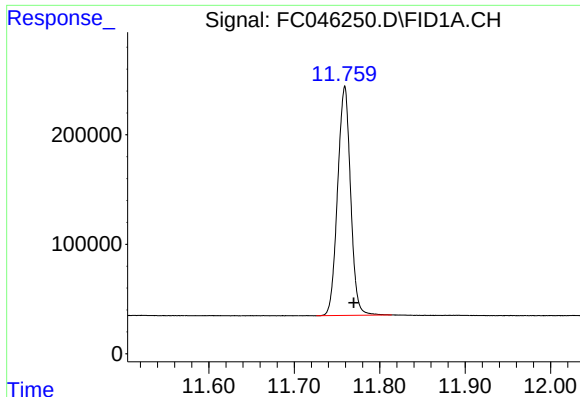
#7 n-Hexadecane (C16)

R.T.: 9.992 min
Delta R.T.: -0.006 min
Response: 2164089
Conc: 20.90 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.426 min
Delta R.T.: -0.010 min
Response: 2147192
Conc: 20.43 ug/ml



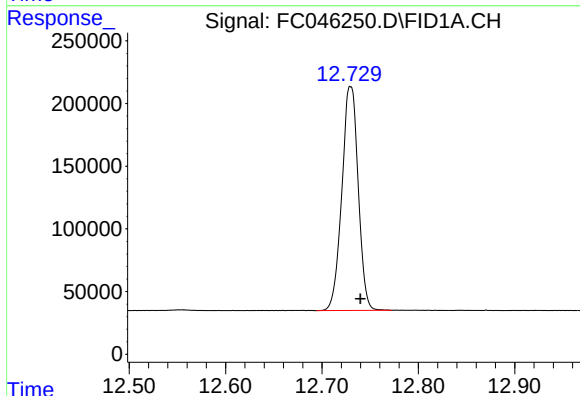
#9 ortho-Terphenyl (SURR)

R.T.: 11.759 min
Delta R.T.: -0.011 min
Response: 2207015
Conc: 19.35 ug/ml

Instrument :
FID_C
ClientSampleId :

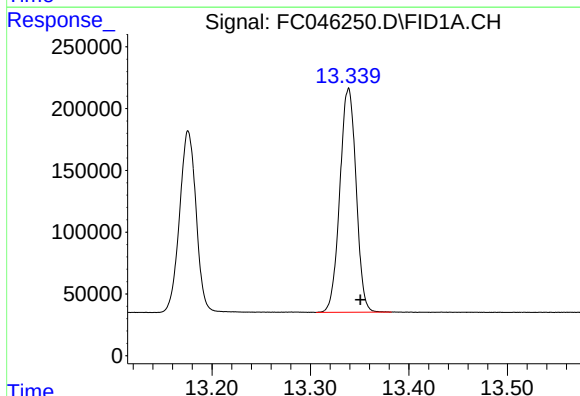
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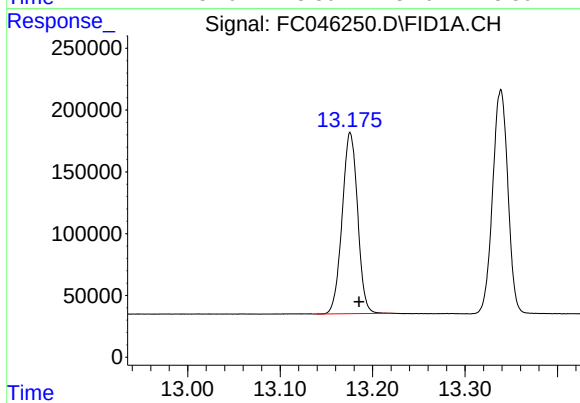
#10 n-Eicosane (C20)

R.T.: 12.730 min
Delta R.T.: -0.010 min
Response: 2096616
Conc: 19.83 ug/ml



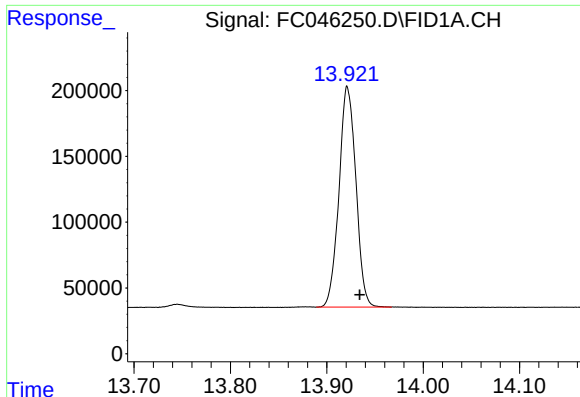
#11 n-Heneicosane (C21)

R.T.: 13.339 min
Delta R.T.: -0.012 min
Response: 2079527
Conc: 19.50 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.176 min
Delta R.T.: -0.010 min
Response: 1705503
Conc: 19.01 ug/ml



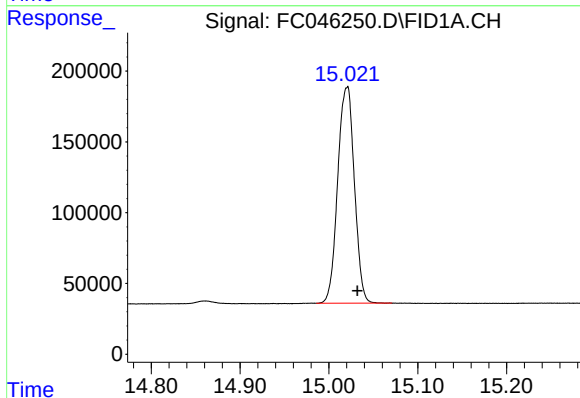
#13 n-Docosane (C22)

R.T.: 13.921 min
Delta R.T.: -0.013 min
Response: 2037905
Conc: 19.18 ug/ml

Instrument :
FID_C
ClientSampleId :

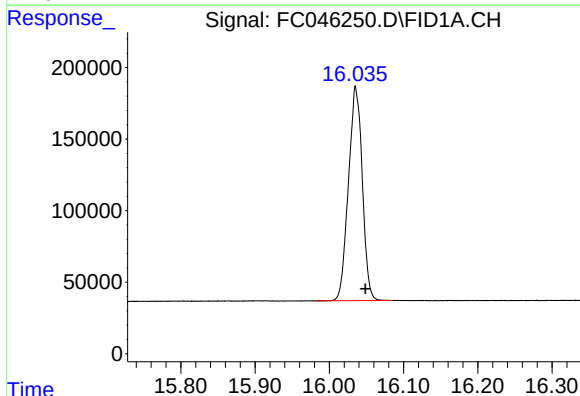
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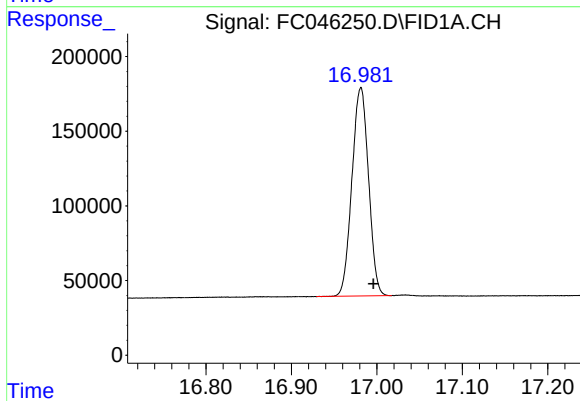
#14 n-Tetracosane (C24)

R.T.: 15.020 min
Delta R.T.: -0.012 min
Response: 1994075
Conc: 18.63 ug/ml



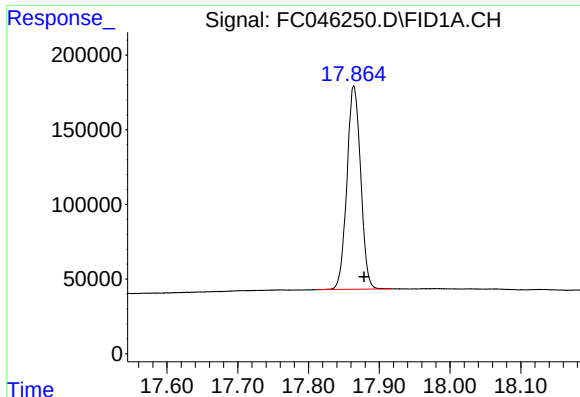
#15 n-Hexacosane (C26)

R.T.: 16.036 min
Delta R.T.: -0.013 min
Response: 1938196
Conc: 18.24 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.981 min
Delta R.T.: -0.014 min
Response: 1883749
Conc: 17.99 ug/ml



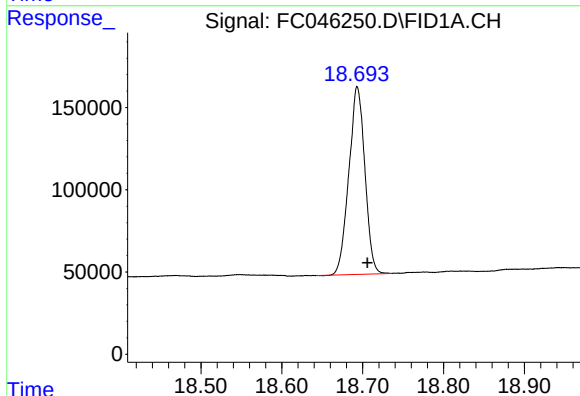
#17 n-Tricontane (C30)

R.T.: 17.864 min
Delta R.T.: -0.014 min
Response: 1837514
Conc: 18.23 ug/ml

Instrument :
FID_C
ClientSampleId :

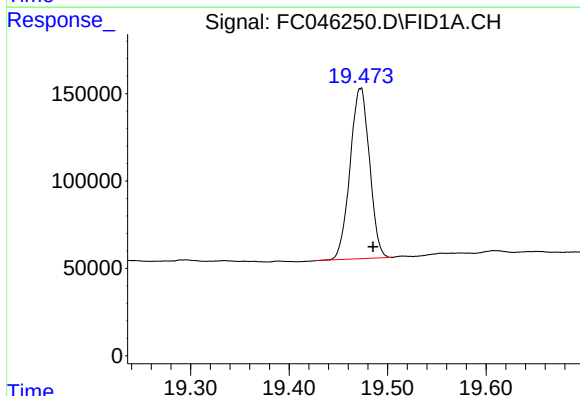
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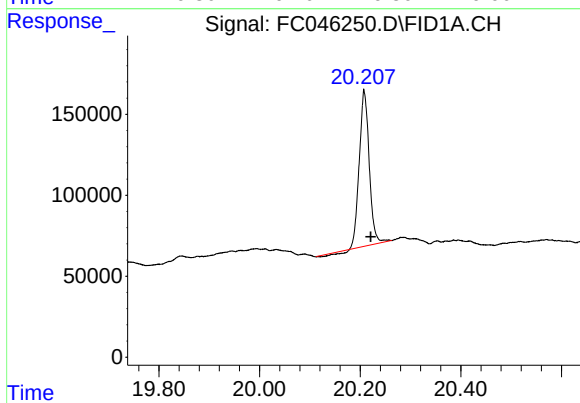
#18 n-Dotriacontane (C32)

R.T.: 18.693 min
Delta R.T.: -0.012 min
Response: 1570859
Conc: 18.35 ug/ml



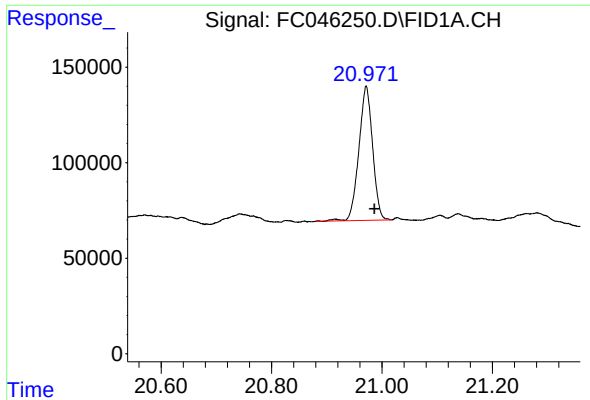
#19 n-Tetratriacontane (C34)

R.T.: 19.473 min
Delta R.T.: -0.013 min
Response: 1337971
Conc: 18.43 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.208 min
Delta R.T.: -0.013 min
Response: 1295280
Conc: 19.15 ug/ml



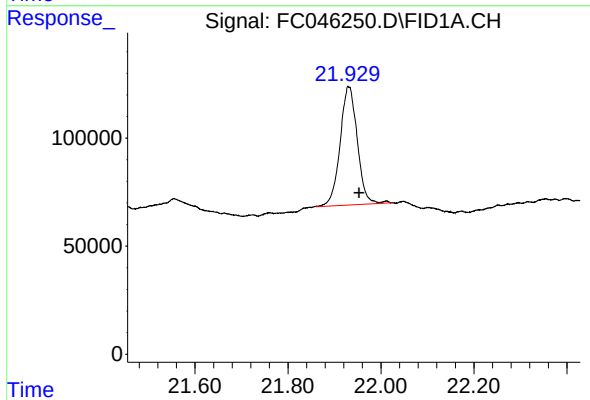
#21 n-Octatriacontane (C38)

R.T.: 20.971 min
Delta R.T.: -0.015 min
Response: 1208407
Conc: 19.99 ug/ml

Instrument :
FID_C
ClientSampleId :

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#22 n-Tetracontane (C40)

R.T.: 21.929 min
Delta R.T.: -0.024 min
Response: 1410932
Conc: 22.44 ug/ml m